

Title (en)
DOCUMENT-PLATE-POSITIONAL INFORMATION DEVICE

Publication
EP 0354560 A3 19900418 (EN)

Application
EP 89114746 A 19890809

Priority
JP 20043988 A 19880810

Abstract (en)
[origin: EP0354560A2] A document-plate-positional information device in which an actuator, for instance, is projected from an upper body of a clam-shell shaped image forming apparatus with the movable document plate toward the document plate when the upper body is opened, and the information signal is uttered about the movement of the document plate to the fixed position on the upper body due to interference in the actuator projected from the upper body with the protrusion formed beneath the under face of the document plate moving on the upper body.

IPC 1-7
G03G 15/00; **G03B 27/62**

IPC 8 full level
G03G 15/04 (2006.01); **G03B 27/50** (2006.01); **G03B 27/62** (2006.01); **G03G 15/00** (2006.01)

CPC (source: EP US)
G03B 27/6235 (2013.01 - EP US); **G03G 15/605** (2013.01 - EP US)

Citation (search report)

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- [A] EP 0253641 A2 19880120 - MITA INDUSTRIAL CO LTD [JP]
- [A] US 4432639 A 19840221 - SAITOU MASAO [JP], et al
- [A] PATENT ABSTRACTS OF JAPAN, vol. 12, no. 46 (P-665)(2893), February 12, 1988; & JP-A-62 192 760 (RICOH) 24.08.1987
- [A] PATENT ABSTRACTS OF JAPAN, vol. 5, no. 26 (P-49)(689), February 17, 1981; & Jp-A-55 153 949 (CANON) 01.02.1980
- [AP] PATENT ABSTRACTS OF JAPAN, vol. 13, no. 1 (P-808)(3349), January 6, 1989; & JP-A-63 210 952 (MITA IND) 01.09.1988
- [AP] PATENT ABSTRACTS OF JAPAN, vol. 13, no. 1 (P-808)(3349), January 6, 1989; & JP-A-63 210 953 (MITA IND) 01-09-1988

Designated contracting state (EPC)
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EP 89114746 A 19890809; DE 68911416 T 19890809; JP 20043988 A 19880810; US 63494990 A 19901226